List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 14 (Cancelled).

15. (New) A pressure pickup for registering a pressure, comprising:

a separating membrane; and

a platform, wherein: said separating membrane is secured to said platform pressure-tightly, such that a pressure chamber is formed between the platform and the separating membrane, wherein a pressure canal extending from said pressure chamber;

said pressure chamber and said pressure canal are filled with a hydraulic transfer liquid; and

said pressure canal has at least one segment whose flow cross section is variable.

16. (New) The pressure pickup as claimed in claim 15, wherein:

sais variable flow cross section of said at least one segment depends on the velocity of the transfer medium in said at least one segment.

17. (New) The pressure pickup as claimed in claim 15, wherein:

said at least one segment of said pressure canal with a variable flow cross section is arranged in the entry region of said pressure canal.

18. (New) The pressure pickup as claimed in claim 15, wherein:

said at least one segment with a variable flow cross section has an annular canal between an inner wall and an outer wall.

19. (New) The pressure pickup as claimed in claim 18, wherein:

the flow cross section of said annular canal can be changed via relative shifting of the axial position of said inner wall with respect to said outer wall.

20. (New) The pressure pickup as claimed in claim 19, wherein:

said inner wall of said annular canal comprises a projection of said separating membrane.

21. (New) The pressure pickup as claimed in claim 19, wherein:

an axially movable filler is arranged in said pressure canal, and said inner wall of said annular canal is formed by the filler.

22. (New) The pressure pickup as claimed in claim 21, further comprising:

an elastic element, wherein:

an equilibrium position of said filler relative to said platform is defined by means of said elastic element.

23. (New) The pressure pickup as claimed in claim 18, wherein:

said inner and outer walls of said annular canal are at least sectionally conical.

24. (New) The pressure pickup as claimed in claim 15, wherein:

said at least one segment with variable flow cross section has an elastically deformable wall.

25. (New) The pressure pickup as claimed in claim 24, wherein:

said elastically deformable wall is the outer wall segment of said pressure canal.

26. (New) The pressure pickup as claimed in claim 25, wherein:

said elastically deformable wall is surrounded by a ring-chamber, which communicates with said pressure chamber.

27. (New) The pressure pickup as claimed in claim 24, wherein:

said elastically deformable wall is the inner wall of an annular canal.

28. (New) The pressure pickup as claimed in claim 15, further comprising:

a pressure measuring cell, wherein:

during measuring operation in the nominal range of said pressure sensor, said segment with variable flow cross section provides at least 10% of the flow resistance of the hydraulic path between said pressure chamber and said pressure measuring cell, which is loaded with the measuring pressure via the hydraulic path.